

CLAIMS

What is claimed is:

1. A dual-cone loudspeaker, comprising:
 - a. Two speaker elements, facing in opposite directions; and
 - 5 b. Two acoustical horns, each containing an approximately 90-degree bend; said horns being acoustically independent and having approximately co-planar openings that project acoustical energy in the same direction;
 - c. Said two speaker elements each being located within one of said two acoustical horns.
- 10 2. The dual-cone loudspeaker of Claim 1, further comprising a single, shared magnet between the two speaker elements.
3. The dual-cone loudspeaker of Claim 1, further comprising two separate magnets; one for each speaker element.
4. A dual-cone loudspeaker, comprising:
 - 15 a. Two speaker elements, facing in opposite directions, each having a closed basket or frame behind their respective speaker cones, and
 - b. Two acoustical horns, each containing an approximately 90-degree bend; said horns being acoustically independent and having approximately co-planar openings that project acoustical energy in the same direction;
 - 20 c. Said two speaker elements each being located within one of said two acoustical horns.
5. The dual-cone loudspeaker of Claim 4, further comprising a single, shared magnet between the two speaker elements.
6. The dual-cone loudspeaker of Claim 4, further comprising two separate magnets;
25 one for each speaker element.